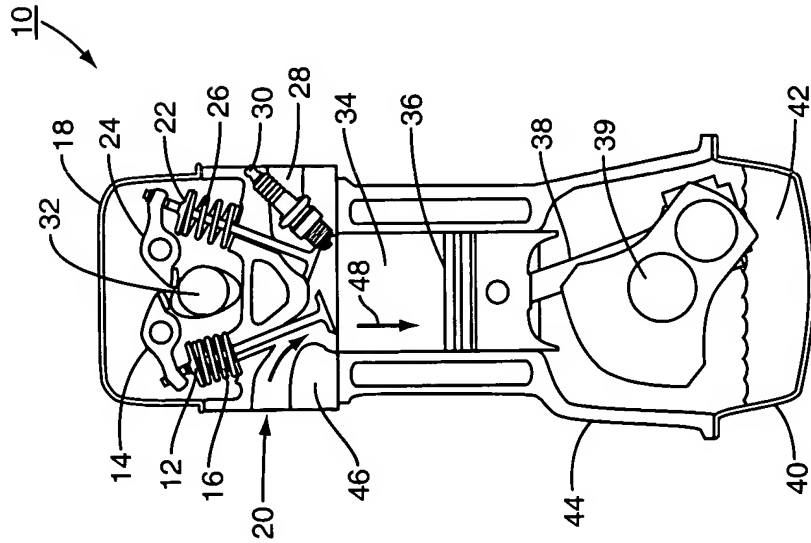
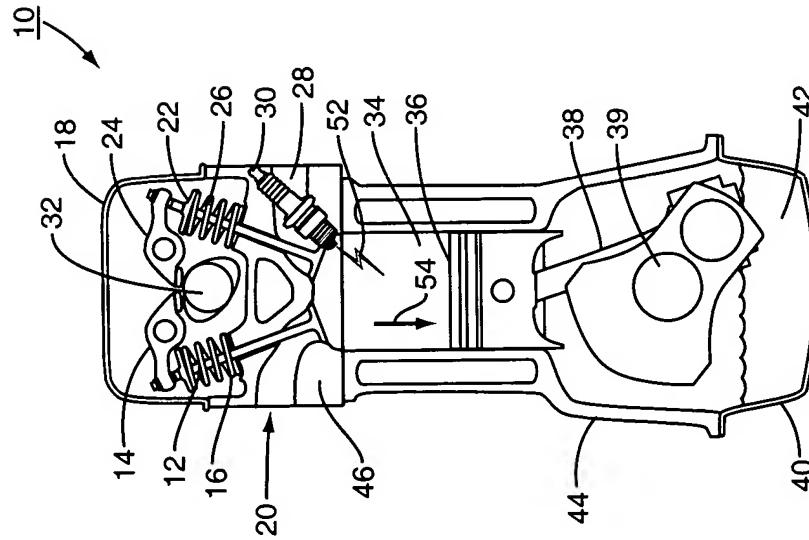
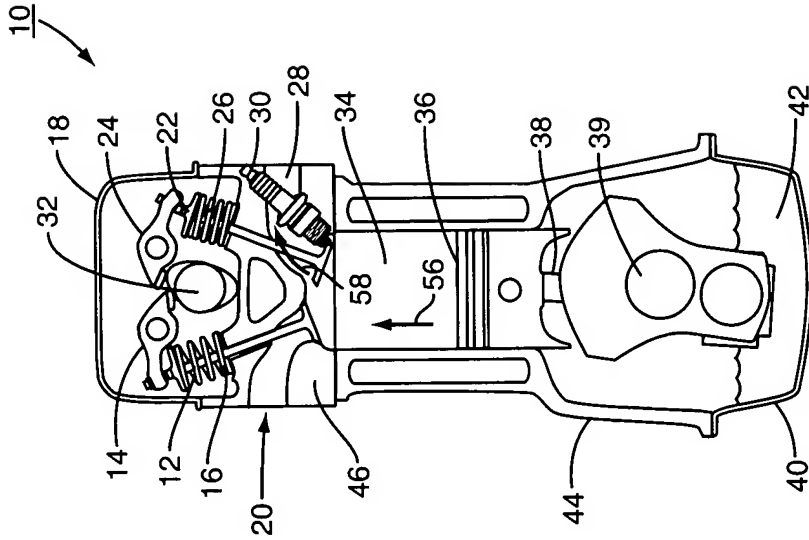
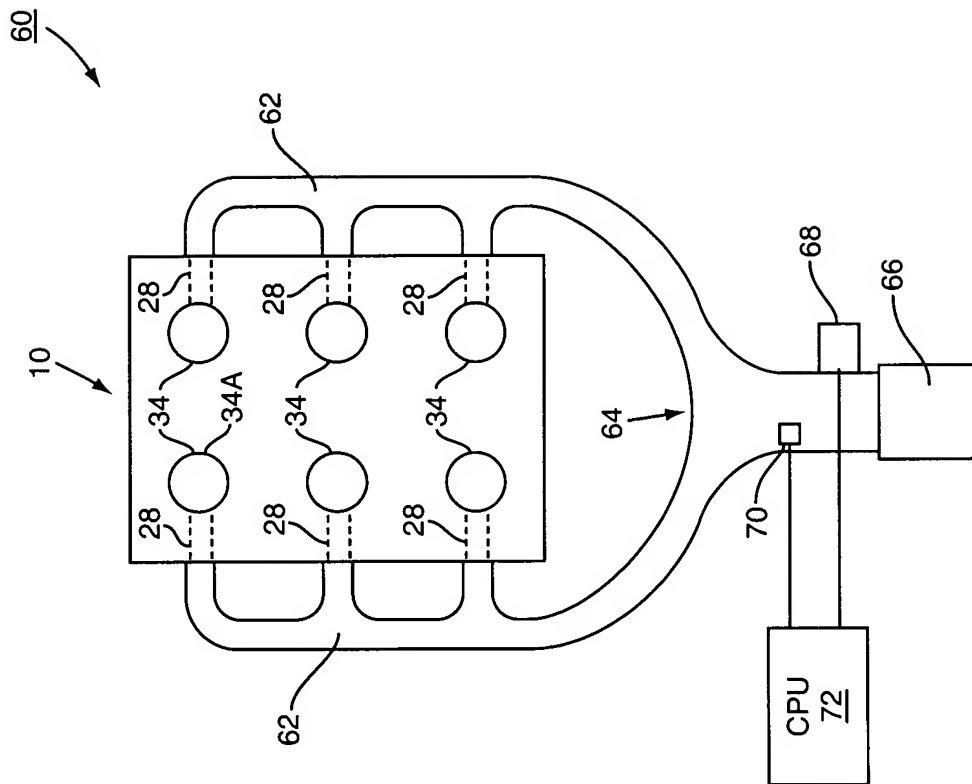


**FIG. 1B**  
(PRIOR ART)



**FIG. 1A**  
(PRIOR ART)





**FIG. 2**  
(PRIOR ART)

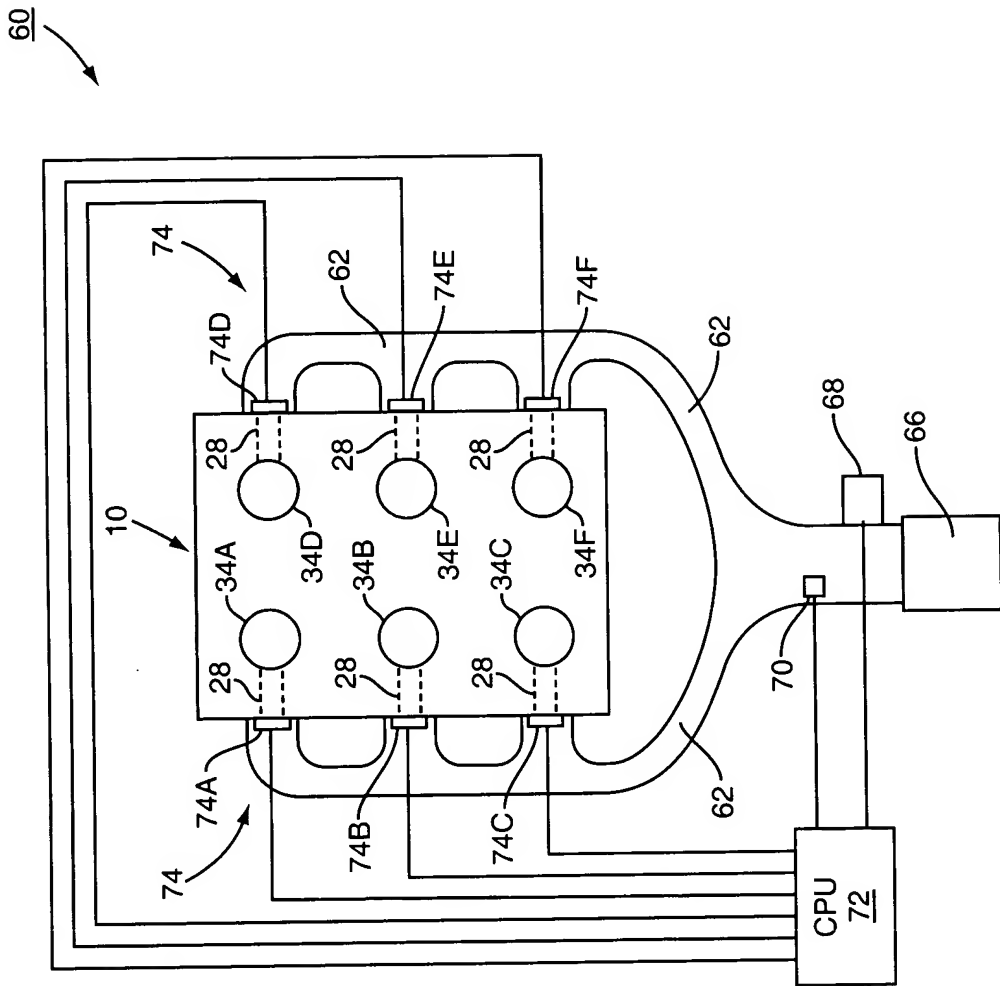
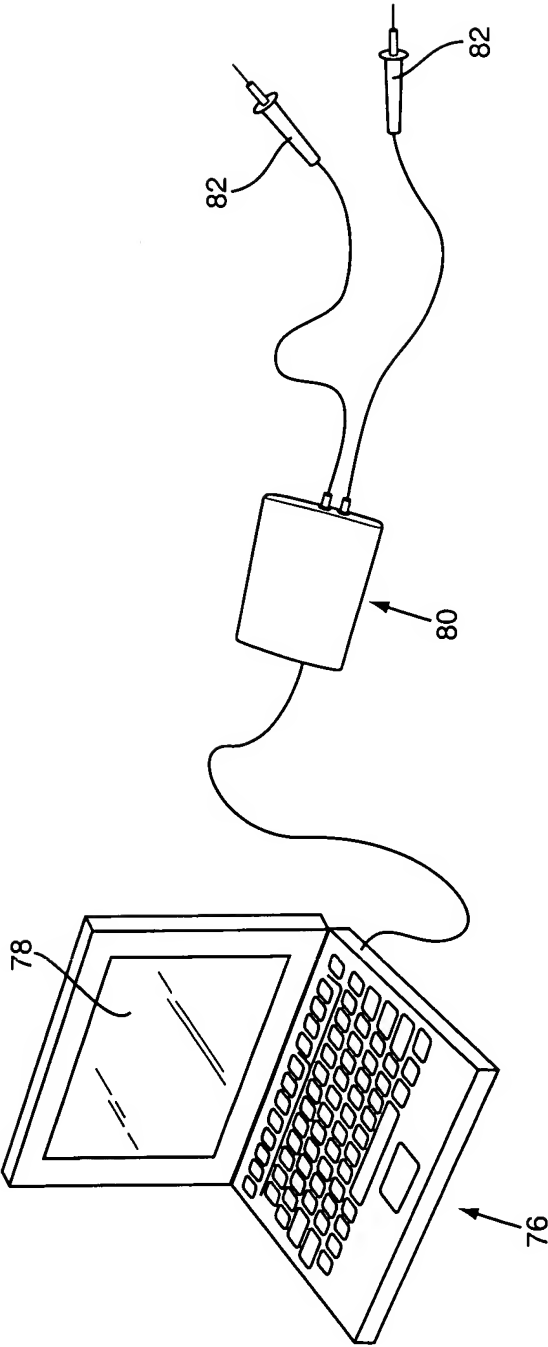
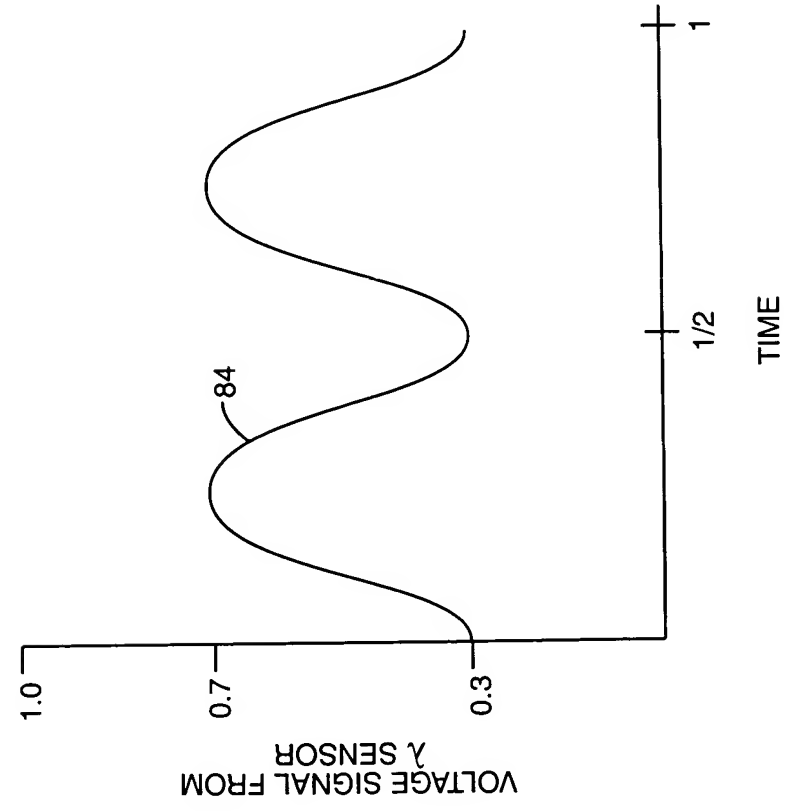


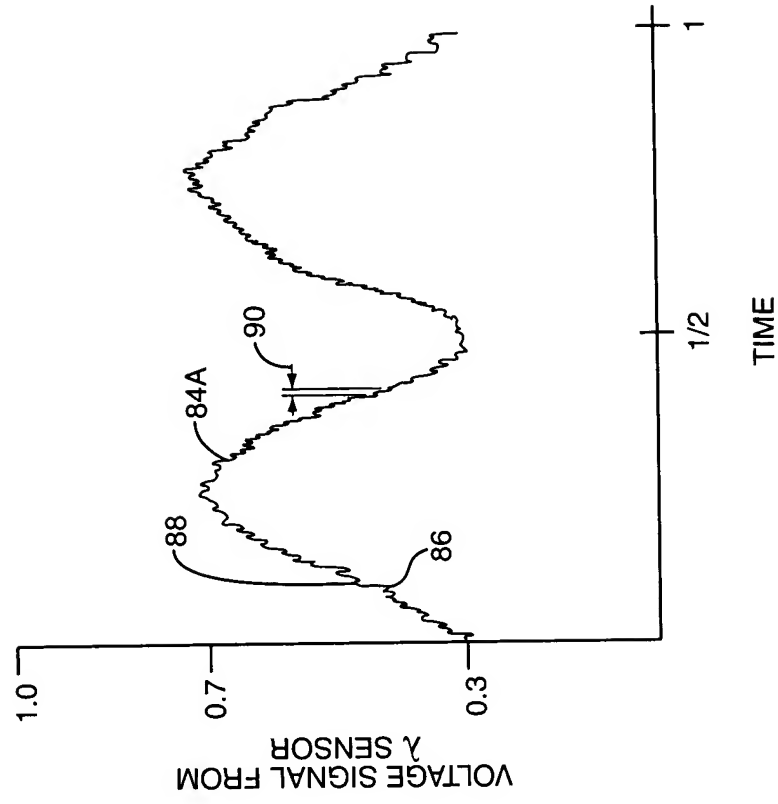
FIG. 3



**FIG. 4**  
**(PRIOR ART)**



**FIG. 5A**  
(PRIOR ART)



**FIG. 5B**  
(PRIOR ART)

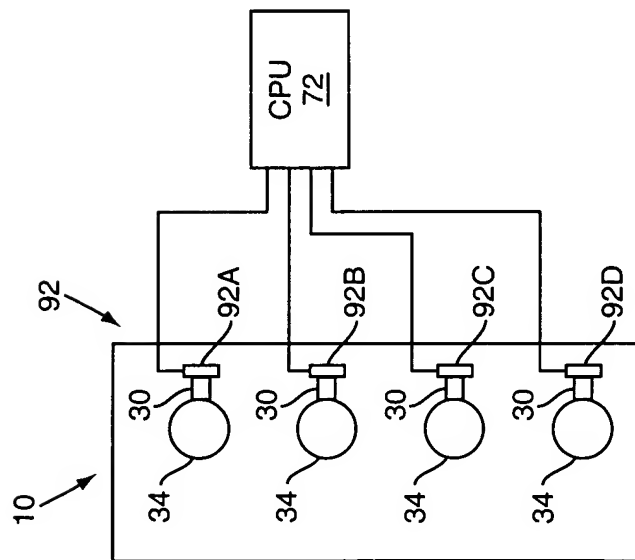


FIG. 6A

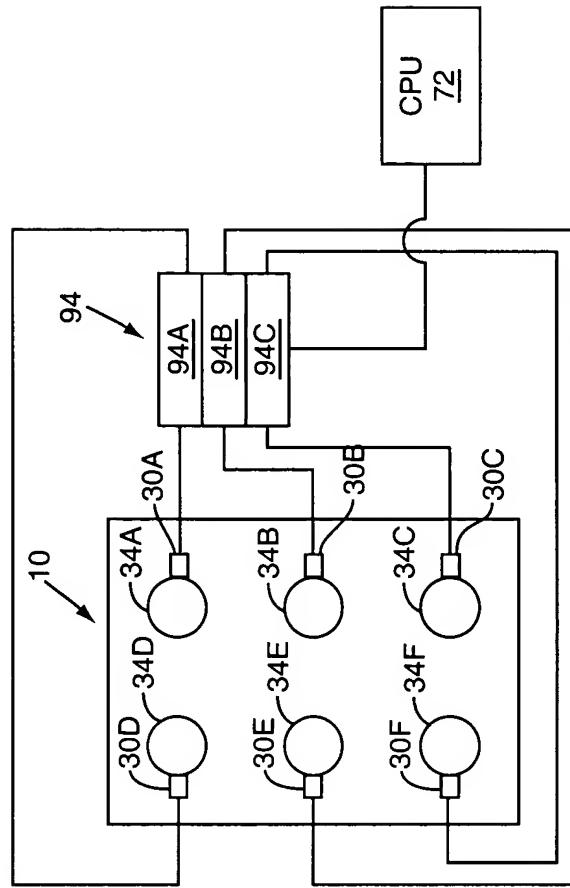
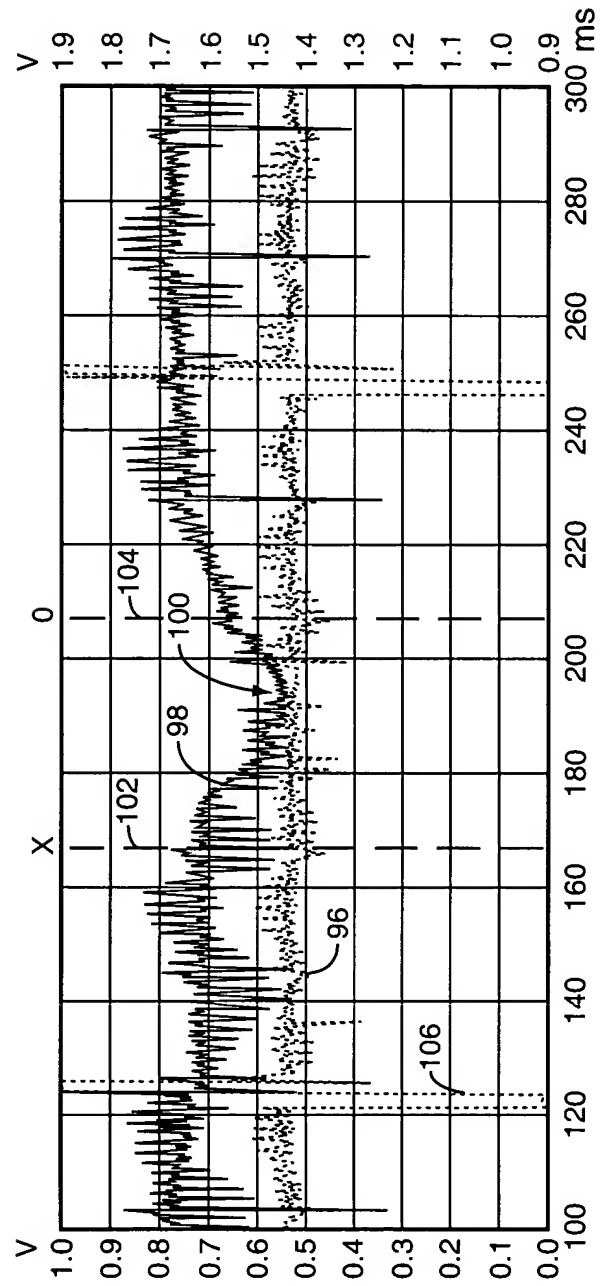
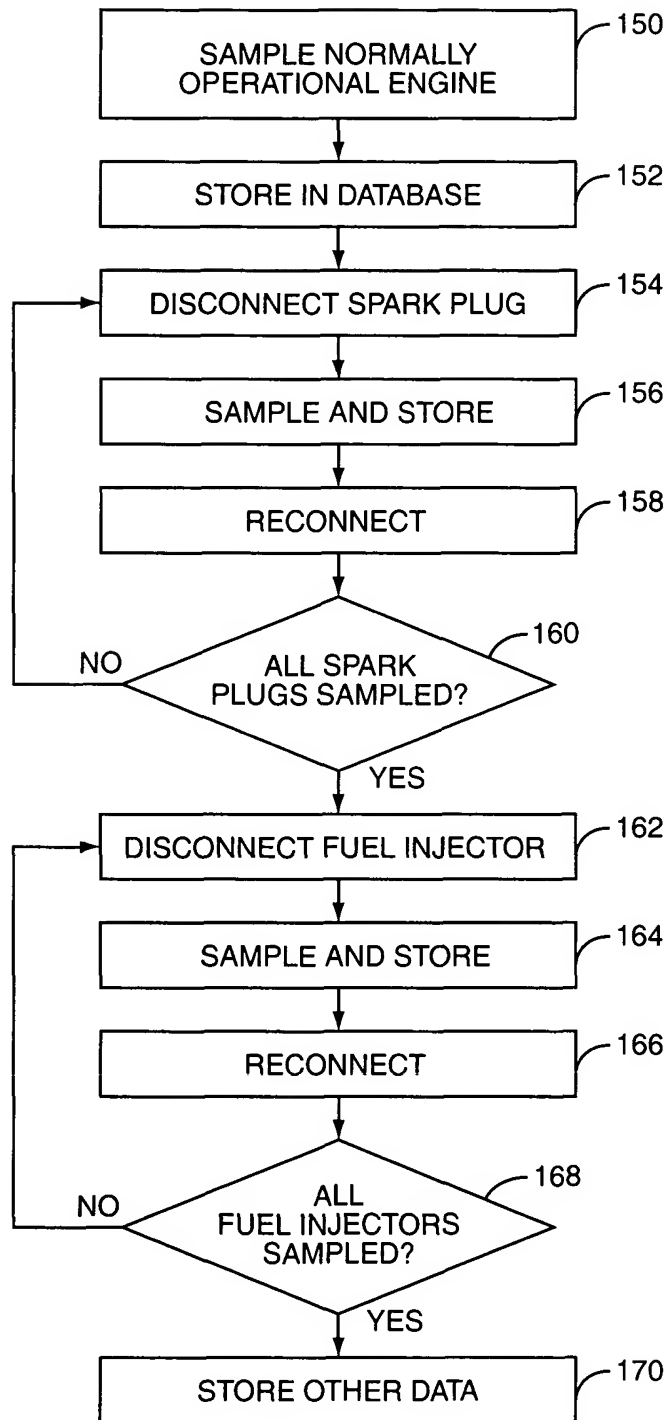
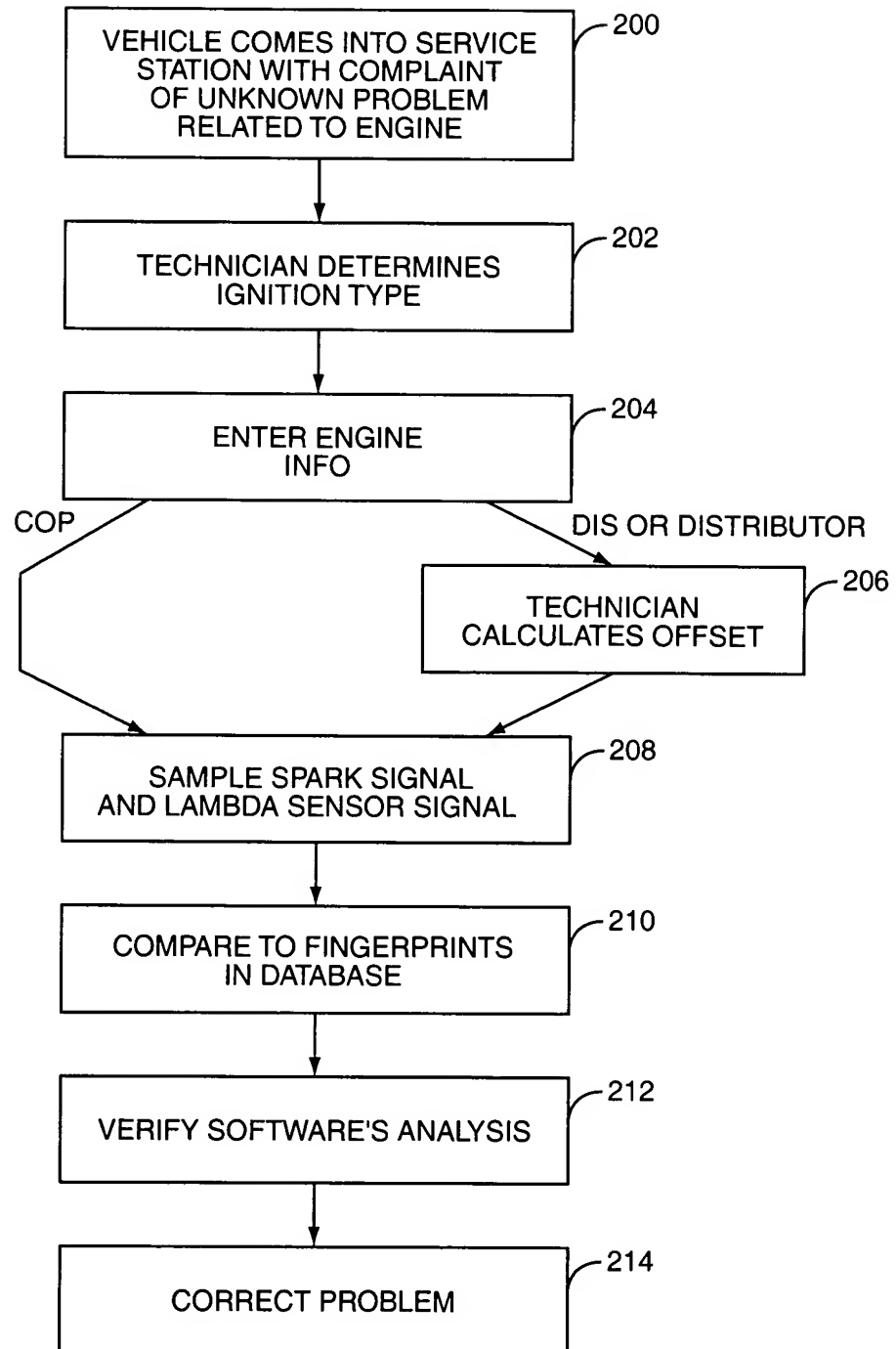


FIG. 6B

**FIG. 7**



**FIG. 8**

**FIG. 9**

**Car/Engine**

Year: 97

Make: FORD

Model: THUNDERBIRD

8th VIN: W

Engine Size: 4.6

Engine Type: V6

Orientation: VERTICAL

Bank Numbering: SEQUENTIAL

Firing Order: 13726548

First Cylinder: 4, 1

Oxygen Sensors: 2

Spark Distribution: D.I.S.

**Sample**

Bank: 2

Expected Cylinder: 7

Expected Type: INJECTOR

Note:

D.I.S. Adjustment: -5

D.I.S. 40 0 88

250

262

Cylinder #7: CLEAR MISS  
INJECTOR: suspected  
(w/ 90% confidence)

260

252

258

254

256

<< < > >> Avg. D.I.S.

FIG. 10